

1. A tool for pulling a valve stem and removing the valve core of a Schrader-type pneumatic valve comprising an elongate flexible shaft having opposite end portions and a handle affixed to one said end portion and a valve-core engaging member attached to another said end portion, said valve-core engaging member including a threaded rear portion and an unthreaded forked front portion for cooperating with a flat member of a Schrader-type valve core for rotating such core to remove it from such valve, said threaded rear portion being threadable into interior threads of such valve when such core has been removed for allowing a user of said tool to pull such valve through a wheel rim opening.
2. The tool as defined in Claim 1 further including a swivel fitting for the rotatably mounting said valve-core engaging member to said shaft.
3. The tool as defined in Claim 1 wherein said swivel fitting has an irregular outer shape to facilitate grasping and rotation of said fitting by a user.
4. The tool as defined in Claim 1 wherein said front forked portion of said valve-core engaging member includes a recess formed therein for accommodating a plunger of a Schrader-type valve therein to allow said forked portion to be positioned over such plunger in such valve to provide for engagement of such cooperating flat member of such valve core.
5. The tool as defined in Claim 1 wherein said elongate shaft includes a flexible cable member.
6. The tool as defined in Claim 2 wherein said threaded rear portion is rigidly attached to said swivel fitting.
7. A tool for engaging a valve stem of a Schrader-type pneumatic valve having a valve core removed comprising an elongate flexible shaft having opposite end portions and a handle affixed to one said end portion and a valve stem engaging member attached to another said end portion, said valve stem engaging member including a threaded rear portion and an unthreaded front portion, said threaded rear portion being threadable into

interior threads of such valve stem when such core has been removed for allowing a user of said tool to pull such valve stem through a wheel rim opening.

8. The tool as defined in Claim 7 further including a swivel fitting for valve stem engaging rotatably mounting said member to said shaft.

9. The tool as defined in Claim 7 wherein said elongate shaft includes a flexible cable member.

10. The tool as defined in Claim 8 wherein said threaded rear portion is rigidly attached to said swivel fitting.

11. The tool as defined in Claim 7 wherein said unthreaded front portion of said valve stem engaging member is sized to fit into a space in such valve formed by the removal of a valve core from such valve to provide for engagement of said threaded rear portion of said valve stem engaging member with interior threads of such valve stem.

12. The tool as defined in Claim 7 wherein said front portion of said valve-stem engaging member includes a pair of spaced tines for engagement with a valve core of a Schrader-type pneumatic tire valve for removing such valve core from such valve.

13. The tool as defined in Claim 7 wherein said front portion of said valve stem engaging member includes a recess formed therein to accommodate an upper portion of a plunger of a Schrader-type pneumatic tire valve during removal of a valve core from such valve.

14. A tool for pulling a valve stem of a pneumatic tire valve comprising an elongate flexible cable member having opposite end portions and a handle affixed to one said end portion and a valve-stem engaging member attached to another said end portion, said valve stem engaging member including a threaded rear portion and an unthreaded front portion, said threaded rear portion being threadable into interior threads of a valve stem

when such core has been removed for allowing a user of said tool to pull such valve stem through a wheel rim opening.

15. The tool as defined in Claim 14 further including a swivel fitting for rotatably mounting said valve stem engaging member to said cable member.

16. The tool as defined in Claim 14 wherein said front portion of said valve stem engaging member is sized to fit within the space in a valve stem when a valve core has been removed from such valve stem.

17. The tool as defined in Claim 15 wherein said swivel fitting includes a tapered end portion remote from said unthreaded front portion.

18. The tool as defined in Claim 14 wherein said front portion of said valve stem engaging member includes a pair of spaced tines for engagement with a valve core of pneumatic tire valve for removing such valve core from such valve.

19. The tool as defined in Claim 18 wherein said front portion of said valve stem engaging member includes a recess formed therein to accommodate an upper portion of a plunger of a pneumatic tire valve during removal of a valve core from such valve.

20. The tool as defined in Claim 19 wherein said recess is formed between said front and rear portions and generally equidistant between said tines.